

C1 49. An isolated polypeptide encoded by a DNA able to hybridize under stringent conditions to the complement of a DNA sequence encoding the carbohydrate binding domain, the epidermal growth factor domain, or a complement binding domain of the leukocyte homing receptor (LHR) amino acid sequence shown in Fig. 1 (SEQ ID NO: 2).

sub 1 50. The polypeptide of claim 49, wherein the stringent conditions are overnight incubation at 42°C in a solution comprising: 20% formaldehyde, 5XSSC (150 mM NaCl, 15mM trisodium citrate), 15 mM sodium phosphate (pH7.6), 5X Denhardt's solution, 10% dextran sulfate, and 20µg/ml denatured, sheared salmon sperm DNA.

51. The polypeptide of claim 49 encoded by a DNA able to hybridize under stringent conditions to the complement of a DNA encoding the carbohydrate binding domain of the LHR amino acid sequence shown in Fig. 1 (SEQ ID NO: 2).

sub 2 52. [Amended] An isolated polypeptide encoded by a DNA able to hybridize under stringent conditions to the complement of a DNA sequence encoding the carbohydrate binding domain, the epidermal growth factor domain, or a complement binding domain of the leukocyte homing receptor (LHR) amino acid sequence shown in Fig. 1 (SEQ ID NO: 2), wherein the polypeptide is devoid of a functional transmembrane domain.

sub 3 53. [Amended] An isolated polypeptide encoded by a DNA able to hybridize under stringent conditions to the complement of a DNA sequence encoding the carbohydrate binding domain, the epidermal growth factor domain, or a complement binding domain of the leukocyte homing receptor (LHR) amino acid sequence shown in Fig. 1 (SEQ ID NO: 2), wherein the polypeptide is devoid of a functional cytoplasmic domain.

54. An isolated polypeptide comprising the carbohydrate binding domain of the leukocyte homing receptor (LHR) amino acid sequence shown in Fig.1 (SEQ ID NO: 2).

55. An isolated polypeptide comprising the epidermal growth factor domain of the leukocyte homing receptor (LHR) amino acid sequence shown in Fig.1 (SEQ ID NO: 2).